and qualities, by figures and local motion ;

/ecu

, r a e s /ecu e^€t a

qritus and Leucippus having made figures (or va~ riwsly figured atoms), the first principles, make generation and alteration out of these ; namely, generation together with corruption from the coo-cretioa and secretion of them, but alteration from the change of their order and position. — Again, he elsewhere[5]* takes notice of that opinion of the , that all sense was a kind of touch, and the s^psible qualities of bodies were to be into figures, imputing it not only to De-, but also to the generality of the old phi-losophers, but very much disliking the same ; —

-yap ra *aia^ra m^a* TFQIOWI iccii

Democritus and most of the ptiysiologers here commit a very great absurdity, *in* that they make all sense to be touch, and resolve sensible qualities into the figures of insensible parts or atoms. — And this opinion he endeavours to confute by these arguments. First, because there is contrariety in qualities, as in black and white, hot aud cold, bitter and sweet, but there is no contrariety in figures ; for a circular figure is nat contrary to a square or multangular ; and therefore there must be real qualities m ba-4iei distinct from the figure, site, and motion of p^rts. Again, the variety of figures and di&po$i-tioua being infiaite, it would follow from thence, that the species of colours, odours, and tastes should be infinite likewise, and reducible to no

[a] Be SI^JSTH et Scnsjbili, c, iv. p, 70. tom. ij, oper,